Statement-I

Paints and coatings reserved exclusively for production in the Small Scale Sector,

1. Read Lead Paints.
2. Red Oxide Paints.
3, Wagon Black Paints.
4. Graphite Paints.
5. Paste Paints,
6. Aluminium Paints.
7. Dry distempers.
8. Bitumen based Paints.

Statement-II

Units presently manufacturing Marine protective coatings and corrosion inhibitors,

1. M/s. Goodlass Nerolac Paints Ltd., Bombay.
2. M/s. Asian Paints, Bombay.
3. M/s. Shalimar Paints, Calcutta.
4. M/s. Bombay Paints & Allied Products, Bombay.
5. M/s. Coromandel Paints & Chemicals, Visakhapatnam.
6. M/s. IEL Ltd., Calcutta.
7. M/s. Hoyle's Paints, Calcutta.
8. M/s. Kalpana Chemicals, Hyderabad.
9. M/s. Navdeep Chemicals, Ankaleshwar.
10. M/s. Deltamite Enterprises, Bombay.
11. M/s. Gayathri Chemicals & Coated Products. Madras.

Investment in public sector units under the Ministry

2219. SHRI SAMAR MUKHERJEE; Will the Minister of INDUSTRY be pleased to state:

(a) the total number of public sector units under his Ministry and the investment made therein as on 31st March, 1987;

(b) their cumulative profit or loss, net and gross, upto that date;

(c) the cumulative earnings in the form of duties, interest, etc. from these public sector for the same period; and

(d) the optimum return expected from these public sector units and the actual return obtained from them so far and the steps taken to improve the productivity?

THE MINISTER OF STATE IN THE DEPARTMENT OF INDUSTRIAL DEVELOPMENT IN THE MINISTRY OF INDUSTRY (SHRI M. ARUNACHALAM): (a) As on 31-3-1986 there were 70 Enterprises commanding an investment of Rs. 4,152.90 crores represented by paid-up capital and long-term loans. These figures for 31-3-1987 are net yet ■available.

(b) and.(c) Their gross and net profit for the year 1985-86 were Rs. 361.19 crore$_s$ and Rs.(—) 125.72 crores respectively. The earnings from them in the form of duties interest, etc. were Rs. 1177.55 crores in 1985-86.

Figures for the earlier years are given in the Public Enterprises Surveys for respective years placed on the Table of the] House.

(d) Optimum returns expected from them have not been worked out. They incurred a total net loss of Rs. 126 crores in 1985-86. The steps taken to improve the productivity have been indicated in pages 182 to 186 of Volume-I of the Public Enterprises Survey 1985-86 laid on the Table of the House in the last Budget Session.

Comparative figures of coal production

2220. SHRI SAMAR MUKHERJEE: Will the Minister of ENERGY be pleased ' to state;

(a) what was the ratio of coal production by open cast mining and underground mining in the CIL in 1975, 1980 and 1985,

indicating subsidiary company-wise break up;

(b) what was the ratio of the cost of production per tonne in open cast and underground mining during the same period;

(c) whaat was the productivity in terms of out turn per man's shift (OMS) for the same; and

(d) whether there is any plan *to* switch over to open cast mining by closing the underground mines in BCCL and ECL in the next five years; if so, what are the details thereof?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) The ratio of coal production by opencast mining and underground mining in CIL in 1975, 1980 and 1985 is as given below;

In million tonnes

	1975-76		980-81		1985-86	
	Qty	%	Qty%	Qty	%	
Under ground	65.21	73.3	60.90	60.40	59.95	447.
Opencast	23.77	26-7	39.96	39.60	74.16.55.3	
	88.98	100.0	100.86	100.0	134,11100,0	

(b) The information is being collected and will be laid on the Table of the House.

(c) The output per manshift (OMS) in CIL during the years 1975-76, 1980-81 and 1985-86 is as under:

(In tonne)

	1975-76	1980-81	1985-86
Overall . .	0.66	072	0.92

(d) No, Sir. There is no proposal of underground mine$_s$ giving way to opencast mines in BCCL and ECL in the next five years.

Popularisation of wind mill

2221. SHRI SAMAR MUKHERJEE: Will the Minister of ENERGY be pleased to state.-

(a) what is the number of wind mills installed in the country as on 31st March, 1986 and what is the quantum of power generated by them;

(b) whether any of the officers of the public sector units under the Ministry of Energy has been attached with wind mill demonstration; if so, what are the details thereof and if not, what are the reasons therefor;

(c) whether it is a fact that the Cent ral Power Research Institute at Bangalore has designed several models of wind mills at a low cost; if so, what are the details thereof; and

(d) what steps are being taken to popularise this important source of non-conventional energy particularly in the coastal region of West Bengal and the hilly region of Bihar?

THE MINISTER OF ENERGY (SHRI VASANT SATHE); (a) 1352 water pumping wind mills and a total wind farm capacity of 2.2 MW had been installed in the country, as on 31st March, 1986. 3.66 lakh units of electricity were fed to the respective State grids from the wind farm projects upto 31st March, 1986.

(b) No, Sir. However, the Public Sector Compay, Bharat Heavy Electricals Ltd., are closely associated with wind energy research development, demonstration and production activities sponsored by the Department of Non-Conventional Energy Sources.

(c) The Central Power Research Institute have attempted to evolve low cost wind mill designs and one such design is being tested at the Institute. This design involves a light-weight rotor using plastic material.

(d) A broad-based programme for the utilisation of wind energy involving re search, development, demonstration **and** field application, is being implemented on